Philips
Flat TV with Ambilight 2 channel and Pixel Plus 2 HD

42"
LCD Full HD 1080p

42PFL7962D

Slimmer by inches.
Clearer by miles.

This TV is our slimmest yet, boasting an elegant, ultra-sleek form factor, paired with a full HD 1080p screen. The cinematic Ambilight and deep bass subwoofer gives an experience that's better by inches and clearer by miles.

Immersive viewing experience
- Full HD LCD display, 1920x1080p
- Pixel Plus 2 HD for great details, depth and clarity
- Up to 5 ms response time for clear, fast-moving action
- 2-channel active Ambilight enhances the viewing experience
- Digital Natural Motion for smooth moving images
- 28.9 billion colours and up to 7500:1 contrast ratio

Exciting and lifelike sound
- Incredible Surround with subwoofer for deep bass
- BBE for superior sound clarity

Designed for your convenience
- Swivel stand for the optimal viewing angle
- 3 HDMI inputs for full digital HD connection in one cable

Ready for the future
- Integrated Digital Tuner for DVB-T reception

PHILIPS
sense and simplicity

Highlights

Full HD LCD display 1920x1080p
This display has a resolution that is referred to as Full HD. The state-of-the-art LCD screen technology has the full high definition widescreen resolution of 1080 progressive lines, each with 1920 pixels. This allows the best possible picture quality for HD input signals with up to 1080 lines. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colours. This vibrant and sharp image will provide you with an enhanced viewing experience.

Integrated Digital DVB-T tuner
The integrated DVB-T tuner lets you receive Digital Terrestrial TV to watch or record. This means you do not need an additional set-top box or additional cables.

Pixel Plus 2 HD

Pixel Plus 2 HD offers the unique combination of ultimate sharpness, natural detail, increased depth, vivid colours and smooth and natural motion from standard TV, High Definition signals and multimedia sources. Each pixel of the incoming picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. Artefacts in compressed multimedia content are detected and reduced, ensuring that the picture is clean and razor sharp. Digital noise reduction ensures that the picture is perfectly smooth yet razor sharp.

Ambilight 2 channel
Ambilight makes an impressive contribution to the overall viewing experience by producing ambient light to complement the colours and light intensity of the on-screen image. It adds a new dimension to the viewing experience, completely immersing you into the content you are watching. It creates ambience, stimulates more relaxed viewing and improves perceived picture detail, contrast and colour. Ambilight automatically and independently adapts its colours according to the changing content on the screen.

Digital Natural Motion
Philips invented Digital Natural Motion to eliminate juddering effects that are visible with moving picture content. Digital Natural Motion estimates motion in the picture and corrects juddering movements in both broadcast and recorded movie material (such as DVD). The resulting smooth motion reproduction and excellent sharpness take the viewing experience to a higher level.

Incredible Surround subwoofer
Incredible Surround is an audio technology from Philips that dramatically magnifies the sound field to immerse you in the audio. Using state-of-the-art electronic phase shifting, Incredible Surround mixes sounds from left and right in such a way that it expands the virtual distance between the two speakers. This wider spread greatly enhances the stereo effect and creates a more natural sound dimension. Incredible Surround with integrated subwoofer now allows you to experience total surround with greater depth of bass and width of sound with the use of an integrated subwoofer.

BBE
BBE high definition sound is the core sound enhancement technology (licensed by BBE Sound) that will enable you to experience real natural music and speech intelligibility with rich and clear audible vocals.

3 HDMI inputs
HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analogue signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backwards-compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection. With 3 HDMI inputs you can connect multiple HD sources, such as an HD set-top box and a Blu-ray player. Your TV is fully prepared for the HD future.

Flat TV with Ambilight 2 channel and Pixel Plus 2 HD
42" LCD Full HD 1080p

42PFL7962D/05

Specifications

Picture/Display
- Aspect ratio: Widescreen, 16:9
- Brightness: 500 cd/m²
- Dynamic screen contrast: 7500:1
- Response time (typical): 5 ms
- Viewing Angle (H / V): 178 / 178 degree
- Diagonal screen size: 42 inch / 107 cm
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920 x 1080p
- Picture enhancement: Pixel Plus 2 HD, Digital Natural Motion, Luminance Transient Improver, Colour Transient Improvement, Dynamic contrast enhancement, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control, Colour Enhancement, Digital Noise Reduction
- Screen enhancement: Anti-Reflection coated screen

Ambilight
- Ambilight Features: Ambilight 2 Channel
- Preset modes: 4 Active Adaptive modes

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60, 72, 75, 85 Hz
800 x 600	60, 72, 75, 85 Hz
1024 x 768	60, 70, 75, 85 Hz
1280 x 768	60 Hz
1280 x 1024	60 Hz
1360 x 768	60 Hz

- Video formats

Resolution	Refresh rate
480i	60 Hz
480p	60 Hz
576i	50 Hz
576p	50 Hz
720p	50, 60 Hz
1080i	50, 60 Hz
1080p	24 Hz, 25 Hz, 30 Hz
1080p	50 Hz, 60 Hz

Sound
- Equalizer: 7-bands
- Output power (RMS): 20W
- Sound Enhancement: Auto Volume Leveller, Incredible Surround, Dynamic Bass Enhancement
- Sound System: Stereo, BBE

Loudspeakers
- Built-in speakers: 2
- Loudspeaker types: Integrated subwoofer

Convenience
- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer, Wake-up Clock
- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, Plug & Play, Programme Name, Sorting
- Ease of Use: Auto Volume Leveller (AVL), Easy toggle Dig/Analogue modes, Programme List, Side Control, Smart Picture Control, Smart Sound Control
- Electronic Programme Guide: Eight day Electronic Programme Guide
- Remote Control: TV
- Remote control type: RC2034312/01
- Screen Format Adjustments: 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Picture in Picture: Text dual screen
- Teletext: 1200 page Hypertext
- Teletext enhancements: 4 favourite pages, Programme information Line

Tuner/reception/transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, SECAM L/L', DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- DVB: DVB Terrestrial*
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- Number of Preset Channels: 100
- Tuner Display: PLL

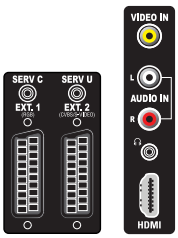
Connectivity
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Ext 2 Scart: Audio L/R, CVBS in/out, S-video in
- Number of Scarts: 2
- Ext 3: HDMI v1.3, CVBS in, Audio L/R in
- Ext 4: YPbPr, S-video in, Audio L/R in
- Ext 5: HDMI v1.3
- Ext 6: HDMI v1.3
- Other connections: Headphone out, Common Interface

Electricity
- Ambient temperature: 5°C to 40°C
- Mains power: 220 - 240 V, 50/60 Hz
- Power consumption: 170 W
- Standby power consumption: < 1 W

Accessories
- Included Accessories: Tabletop stand, Power lead, Quick start guide, User manual, Registration card, Warranty certificate, Remote Control, Batteries for remote control

Dimensions
- Colour cabinet: High Gloss black deco front with Silver rim cabinet
- Set dimensions (W x H x D): 1029 x 662 x 136 mm
- Set dimensions with stand (W x H x D): 1029 x 725 x 279 mm
- Product weight: 26.5 kg
- Product weight (+stand): 31 kg
- Box dimensions (W x H x D): 1129 x 756 x 314 mm
- Weight incl. Packaging: 38.5 kg
- VESA wall mount compatible: 600 x 400 mm

Stereo system					Transmission system					
2CS DK	NICAM DK	2CS BG	NICAM I	NICAM LL'	PAL BG	PAL D/K	PAL I	SECAM BG	SECAM DK	SECAM LL'
•	•	•	•	•	•	•	•	•	•	•



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